

EX PARTE OR LATE FILED

DOCKET FILE COPY ORIGINAL

MORRISON & FOERSTER LLP

ORIGINAL

SAN FRANCISCO
LOS ANGELES
SACRAMENTO
ORANGE COUNTY
PALO ALTO
WALNUT CREEK
SEATTLE

ATTORNEYS AT LAW
2000 PENNSYLVANIA AVENUE, NW
WASHINGTON, D.C. 20006-1812
TELEPHONE (202) 887-1500
TELEFACSIMILE (202) 887-0763

NEW YORK
DENVER
LONDON
BRUSSELS
HONG KONG
TOKYO

June 17, 1996

Writer's Direct Dial Number
(202) 887-8745

By Messenger

William F. Caton, Acting Secretary
Federal Communications Commission
1919 M Street, N.W., Room 222
Washington, DC 20554

Re: *Ex Parte Presentation, IB Docket No. 95-59*

Dear Mr. Caton:

On June 17, 1996, I along with Andy Paul of the Satellite Broadcasting and Communications Association ("SBCA"), Buddy Davis of Davis Antennas, Merrill Spiegel of Hughes Electronics, and Jim Rogers and Steven Schulman of Latham & Watkins, counsel to DIRECTV, Inc., met with William H. Johnson, Deputy Chief of the Cable Services Bureau; Jackie Spindler, Deputy Chief of the Consumer Protection and Competition Division of the Cable Services Bureau; Meryl Icove of the Cable Services Bureau; John P. Stern, Senior Legal Advisor to the Chief of the International Bureau; Rosalee Chiara of the International Bureau and two FCC summer interns regarding the above-captioned proceeding. I appeared on behalf of SBCA.

In addition to topics already discussed in our comments in this proceeding, we discussed the scope of Section 25.104 and its applicability to various local codes. We also discussed the substance of the attached documents concerning proposed language revising Section 25.104 and federal preemption of contracts between private parties. We provided copies of the attached map to discuss our proposed paragraph 25.104(e).

Please associate the attached documents with this docket.

No. of Copies rec'd 011
List ABCDE

RECEIVED
JUN 17 1996
FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF SECRETARY

MORRISON & FOERSTER LLP

William F. Caton, Acting Secretary

June 17, 1996

Page Two

If you have any questions regarding this filing, please do not hesitate to contact me at (202) 887-8745

Very truly yours,



Diane S Killory

Enclosures

cc: William H. Johnson (w/encl. except map)
Jackie Spindler (w/encl. except map)
John P. Stern (w/encl. except map)
Rosalee Chiara (w/encl. except map)
Meryl Icové (w/encl. except map)

RECEIVED

JUN 17 1996

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Proposed Changes to Section 25.104 of the FCC's Rules

25.104(b): Any state or local zoning, land-use, building, or similar regulation that impairs the installation, maintenance, or use of:

- (1) a satellite earth station antenna that is two meters or less in diameter and is located or proposed to be located in any area where commercial or industrial uses are generally permitted by nonfederal land-use regulation; or
- (2) a satellite earth station antenna that is one meter or less in a diameter in any area, regardless of land use or zoning category

~~shall be presumed unreasonable and is therefore is preempted subject to paragraph (b)(2).~~ No civil, criminal, administrative, or other legal action of any kind shall be taken to enforce any regulation covered by this ~~presumption~~ **preemption until** unless the promulgating authority has obtained a waiver from the Commission pursuant to paragraph (e), ~~or a final declaration from the Commission or a court of competent jurisdiction that the presumption has been rebutted pursuant to subparagraph (b)(2).~~ **No liability may be assessed or action taken (including, but not limited to, the issuance of any directive or order requiring the disassembly of the satellite antenna) against a person for actions taken to install a satellite earth station antenna prior to a final Commission decision.**

25.104(f): No restrictive covenant, encumbrance, homeowners association rule, or other nongovernmental restriction shall be enforceable to the extent that it impairs a viewer's ability to receive video programming services over a satellite antenna one meter or less in diameter.

25.104(h): For purposes of this section, a restriction will be deemed to "impair" if it affects the technical reception by, increases the cost of installation or maintenance of, or delays or prevents the installation or use of a satellite antenna.

25.104(e): Any state or local authority that wishes to maintain and enforce zoning or other regulations inconsistent with this section may apply to the Commission for a full or partial waiver of this section. Such waivers shall be granted by the Commission in its sole discretion, upon a showing by the applicant that ~~local concerns of a highly specialized or unusual nature~~ **(i) the regulation is essential for preserving or protecting a highly specialized or unusual nature of a particular location; (ii) the regulation affects satellite antennas only to the extent necessary to preserve the highly specialized or unusual nature of the particular location; and (iii) satellite antennas are in practice no more restricted than are other appurtenances at the particular location, including, but not limited to, cable pedestals, basketball hoops, signage, garbage receptacles, and HVAC equipment.** No application for waiver shall be considered unless it specifically sets forth the particular regulation for which waiver is sought. Waivers granted in accordance with this section shall not apply to later enacted or amended regulations by the local authority unless the Commission expressly orders otherwise. **No application for waiver relating to an historic district or landmark shall be considered unless: (i) the historic district or landmark has been designated by an authority certified to carry out the purposes of the National Historic Preservation Act of 1966, 17 U.S.C. § 470a(b), (c); (ii) the regulation affects satellite antennas only to the extent necessary to preserve the historic character of the district or landmark; and (iii) satellite antennas are in practice no more restricted than are other appurtenances in the district or at the landmark, including, but not limited to, cable pedestals, basketball hoops, signage, garbage receptacles, and HVAC equipment.**

MORRISON & FOERSTER LLP

MEMORANDUM

RE: Federal Preemption of Contracts Between Private Parties

DATE: June 14, 1996

The ability of Congress to change the contractual relationship between private parties through the exercise of its constitutional powers (*e.g.*, the Commerce Clause, Art. I, § 7) is firmly established. As such, the FCC's preemption of homeowners association restrictions on satellite dishes, in accordance with section 207 of the 1996 Telecommunications Act, is a lawful exercise of federal authority.

As a general matter, the Supreme Court has made it very clear that private contracts are not outside the reach of proper federal authority. The Court has stated unequivocally:

Contracts, however express, cannot fetter the constitutional authority of Congress. Contracts may create rights of property, but when contracts deal with a subject matter which lies within the control of Congress, they have a congenital infirmity. Parties cannot remove their transactions from the reach of dominant constitutional power by making contracts about them.

If a regulatory statute is otherwise within the powers of Congress, therefore, its application may not be defeated by private contractual provisions. For the same reason, the fact that legislation disregards or destroys existing contractual rights does not always transform the regulation into an illegal taking.

Connolly v. Pension Benefit Guaranty Corp., 475 U.S. 211, 223-24 (1986) (quotations and citations omitted).

One early case recognizing the power of Congress to preempt private contracts is *Louisville & Nashville R.R. Co. v. Mottley*, 219 U.S. 467 (1911). In that case, the Mottleys entered into a settlement contract with the Louisville & Nashville Railroad that entitled them to a lifetime of free railroad travel. *Id.* at 472. Thirty-five years later, Congress passed a statute that prohibited the issuance of free passes to passengers like the Mottleys. *Id.* at 473. In addition to a takings argument, the Mottleys argued that Congress lacked the power to modify their agreement. *Id.* at 480. The Court rejected both arguments. *Id.* at 482. The Court observed that all "contracts must be understood as made in reference to the possible exercise of the rightful authority of the Government." *Id.* (quoting *Knox v. Lee*, 79 U.S. (12 Wall.) 457, 550-51 (1871)). Thus, the Court concluded:

The agreement between the railroad company and the Mottleys must necessarily be regarded as having been made subject to the possibility that, at some future time,

MORRISON & FOERSTER LLP

Congress might so exert its whole constitutional power in regulating interstate commerce as to render that agreement unenforceable or to impair its value.

Id. As a result, Congress was free to modify, within the exercise of its commerce clause power, the existing contract between these two private parties

Another early case in which the Court held that Congress had the power to invalidate the provisions of existing contracts is *Norman v. Baltimore & Ohio R.R. Co.*, 294 U.S. 240 (1935). In *Norman*, the issue involved a bond contract between Norman and the Railroad that contained a provision requiring payment based on the value of gold ¹ *Id.* at 291. As in *Mottley*, Congress passed a statute that invalidated a specific contract provision. In the *Norman* case, the law prohibited such “gold clauses” in contracts. The central issue before the Court was whether Congress had “[t]he power to invalidate the provisions of existing contracts” between private parties. *Id.* at 306. The Court held that Congress did enjoy this power and observed that “[t]here is no constitutional ground for denying to the Congress the power expressly to prohibit and invalidate contracts although previously made, and valid when made, when they interfere with the carrying out of the policy it is free to adopt ” *Id.* at 309-10.

Modern examples can be found as well. Many of these involve the contractual relationship between employer and employee where the federal statute imposes additional obligations on the contractual relationship. For instance, *Usery v. Turner Elkhorn Mining Co.*, 428 U.S. 1 (1975), involved the application of the Federal Coal Mine Health and Safety Act, 30 U.S.C. § 901 et seq., to employment contracts. One of the challenges to the Act involved a provision that required the mining companies to compensate *former* employees who left *before* the Act was passed. 428 U.S. at 14. In essence, Congress modified completed contracts. In upholding this aspect of the Act, the Court noted that Congress had the power to pass legislation that readjusted “rights and burdens” between private parties. *Id.* at 16. *See also Connolly*, 475 U.S. at 224 (upholding a statute that in effect “nullified a contractual provision limiting liability”); *Concrete Pipe & Prods. v. Construction Laborers Pension Trust*, 508 U.S. 602, 639-40 (1993) (reaffirming that “federal legislation” can modify existing contractual obligations).

Homeowner covenants do not enjoy special immunity from federal power. For example, in *Mayers v. Ridley*, 465 F.2d 630 (D.C. Cir. 1972) (per curiam), the Court of Appeals *en banc* permitted a challenge by homeowners attacking the legality of racially restrictive covenants to proceed. The petitioners sought to enjoin the local recorder of deeds from accepting deeds with such restrictive covenants. In permitting the challenge, three members of the court opined that the Fair Housing Act of 1968, 42 U.S.C. § 3604(c) (1970), rendered existing racially restrictive covenants “unlawful,” 465 F.2d 630, 631 n.1 (Wright, J. concurring), and noted that the Supreme Court’s decision in *Shelly v. Kraemer*, 334 U.S. 1 (1948) had made such covenants judicially unenforceable.

¹ In *Norman*, the face value of the coupon was \$22.50 gold coin. At the time, the equivalent weight of \$22.50 of gold coin was worth \$38.10. The railroad refused to pay the \$38.10 and offered to pay the \$22.50 in currency. Norman refused this offer and sued.

MORRISON & FOERSTER LLP

In addition to statutes that negate contractual provisions, regulations that affect private contractual relationships, when promulgated pursuant to constitutional statutes, are permitted. For example, in *Chang v. United States*, 859 F.2d 893 (Fed. Cir. 1988), the petitioners challenged the application of a Department of Treasury regulation that in effect rendered an employment contract nugatory.² The court essentially found that the “regulatory statute” preempted the “private contractual provisions.” 859 F.2d at 895

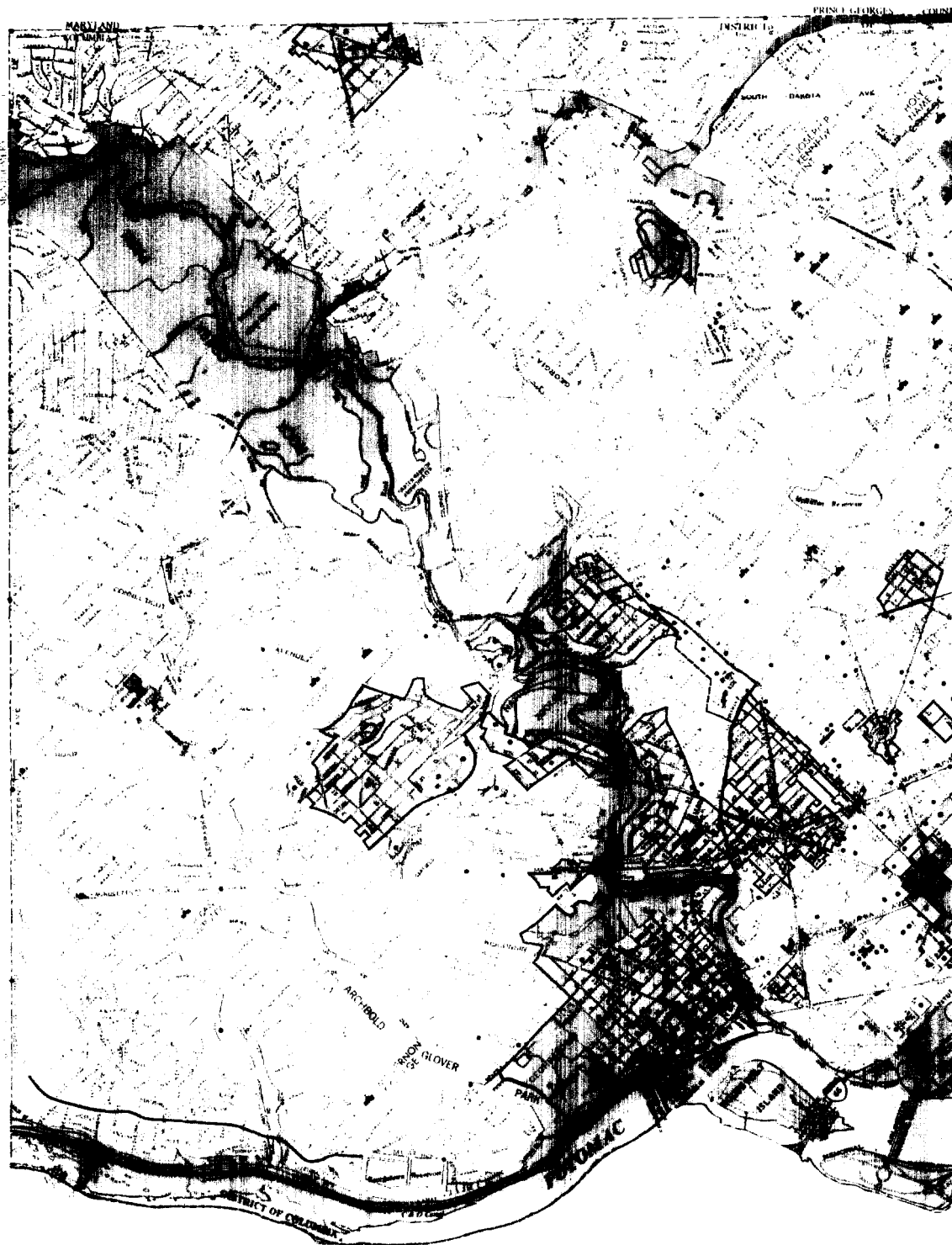
More specifically, the FCC itself has intervened to invalidate certain terms of private contracts relating to property rights. Under the authority of the Pole Attachment Act, 47 U.S.C. §224, the Common Carrier Bureau found certain rates in Florida Power Corporation’s pole attachment contracts to be unjust and unreasonable. The utility unsuccessfully argued that these decisions improperly abrogated contracts that predated the enactment of the Pole Attachment Act and thus constituted a Fifth Amendment taking. In upholding the Bureau’s decisions, the full Commission noted:

It is well established that contracts made in areas of governmental regulation are subject to modification by subsequent legislation. . . . The ability of Congress to react to changing conditions and to legislate in the public interest cannot be restricted by private agreements. Federal regulation of future action based upon rights previously acquired by the person regulated is not prohibited by the Constitution.

Teleprompter Corp. and Teleprompter Southeast, Inc., v. Florida Power Corporation, File No. PA-81-0008 et al., 1984 FCC LEXIS 1874 (Oct. 3, 1984) (quotations and citations omitted), *rev’d on other grounds by Florida Power Corp. v. FCC*, 772 F.2d 1537 (11th Cir. 1985), *rev’d on other grounds by FCC v. Florida Power Corp.*, 480 U.S. 245 (1987). Because the Supreme Court reversed the court of appeals, thereby leaving intact the FCC decision, the Court upheld the Commission’s right to “regulate the rates, terms and conditions for pole attachments,” as mandated by the Pole Attachment Act, even though the result of that regulation was to interfere with and invalidate provisions contained in private contracts, including those entered into prior to the Pole Attachment Act

In conclusion, there is ample legal precedent to support the lawfulness of the FCC’s proposed rule to preempt (and thereby nullify) existing homeowners association covenants that impair a viewer’s ability to receive satellite signals

² Pursuant to an executive order issued under the authority of the International Emergency Economic Powers Act, 50 U.S.C. §§ 1701-1706 (1982), the Department of the Treasury promulgated regulations (31 C.F.R. §550 (1986)) that prohibited U.S. nationals from performing contracts with Libya. 859 F.2d at 894.



Historic Washington, D.C.

The District of Columbia Inventory of Historic Sites 1991

"It is hereby declared as a matter of public policy that the preservation, improvement and perpetuation of portions of historic, cultural and scientific interest are in the interests of the health, prosperity and welfare of the people of the District of Columbia."

D.C. Historic Landmark and Historic Preservation Act

LEGEND

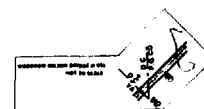
- Historic landmarks (includes buildings, building clusters, statues, monuments, bridges and other structures)
- Historic districts
- Historic parks, cemeteries, campuses and places
- Historic streets and vistas
- Other historic areas

This map shows all properties included in the District of Columbia Inventory of Historic Sites as of September 20, 1991. The inventory is the official list of districts, sites, buildings, structures, and objects deemed worthy of recognition and protection for their contribution to the cultural and historic heritage of the city. Listed in the Inventory are properties under the provisions of the D.C. Historic Landmark and Historic District Protection Act of 1982 (D.C. Law 2-144).

Most properties in the inventory are also listed in the National Register of Historic Places. The National Register is the federal government's nationwide inventory of cultural resources, and includes properties of national, state, and local significance. National Register listing affords protection under the National Historic Preservation Act of 1966.

To obtain a copy of the D.C. inventory and for further information on historic preservation programs in Washington, D.C., please contact:

Historic Preservation Division
18, Department of Consumer and Regulatory Affairs
400 New York Avenue, N.E.
Washington, D.C. 20002
(202) 727-7600



Scale: 1" = 1,000'

0 50 100 150 200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950 1,000 1,050 1,100 1,150 1,200 1,250 1,300 1,350 1,400 1,450 1,500 1,550 1,600 1,650 1,700 1,750 1,800 1,850 1,900 1,950 2,000 2,050 2,100 2,150 2,200 2,250 2,300 2,350 2,400 2,450 2,500 2,550 2,600 2,650 2,700 2,750 2,800 2,850 2,900 2,950 3,000 3,050 3,100 3,150 3,200 3,250 3,300 3,350 3,400 3,450 3,500 3,550 3,600 3,650 3,700 3,750 3,800 3,850 3,900 3,950 4,000 4,050 4,100 4,150 4,200 4,250 4,300 4,350 4,400 4,450 4,500 4,550 4,600 4,650 4,700 4,750 4,800 4,850 4,900 4,950 5,000 5,050 5,100 5,150 5,200 5,250 5,300 5,350 5,400 5,450 5,500 5,550 5,600 5,650 5,700 5,750 5,800 5,850 5,900 5,950 6,000 6,050 6,100 6,150 6,200 6,250 6,300 6,350 6,400 6,450 6,500 6,550 6,600 6,650 6,700 6,750 6,800 6,850 6,900 6,950 7,000 7,050 7,100 7,150 7,200 7,250 7,300 7,350 7,400 7,450 7,500 7,550 7,600 7,650 7,700 7,750 7,800 7,850 7,900 7,950 8,000 8,050 8,100 8,150 8,200 8,250 8,300 8,350 8,400 8,450 8,500 8,550 8,600 8,650 8,700 8,750 8,800 8,850 8,900 8,950 9,000 9,050 9,100 9,150 9,200 9,250 9,300 9,350 9,400 9,450 9,500 9,550 9,600 9,650 9,700 9,750 9,800 9,850 9,900 9,950 10,000 10,050 10,100 10,150 10,200 10,250 10,300 10,350 10,400 10,450 10,500 10,550 10,600 10,650 10,700 10,750 10,800 10,850 10,900 10,950 11,000 11,050 11,100 11,150 11,200 11,250 11,300 11,350 11,400 11,450 11,500 11,550 11,600 11,650 11,700 11,750 11,800 11,850 11,900 11,950 12,000 12,050 12,100 12,150 12,200 12,250 12,300 12,350 12,400 12,450 12,500 12,550 12,600 12,650 12,700 12,750 12,800 12,850 12,900 12,950 13,000 13,050 13,100 13,150 13,200 13,250 13,300 13,350 13,400 13,450 13,500 13,550 13,600 13,650 13,700 13,750 13,800 13,850 13,900 13,950 14,000 14,050 14,100 14,150 14,200 14,250 14,300 14,350 14,400 14,450 14,500 14,550 14,600 14,650 14,700 14,750 14,800 14,850 14,900 14,950 15,000 15,050 15,100 15,150 15,200 15,250 15,300 15,350 15,400 15,450 15,500 15,550 15,600 15,650 15,700 15,750 15,800 15,850 15,900 15,950 16,000 16,050 16,100 16,150 16,200 16,250 16,300 16,350 16,400 16,450 16,500 16,550 16,600 16,650 16,700 16,750 16,800 16,850 16,900 16,950 17,000 17,050 17,100 17,150 17,200 17,250 17,300 17,350 17,400 17,450 17,500 17,550 17,600 17,650 17,700 17,750 17,800 17,850 17,900 17,950 18,000 18,050 18,100 18,150 18,200 18,250 18,300 18,350 18,400 18,450 18,500 18,550 18,600 18,650 18,700 18,750 18,800 18,850 18,900 18,950 19,000 19,050 19,100 19,150 19,200 19,250 19,300 19,350 19,400 19,450 19,500 19,550 19,600 19,650 19,700 19,750 19,800 19,850 19,900 19,950 20,000 20,050 20,100 20,150 20,200 20,250 20,300 20,350 20,400 20,450 20,500 20,550 20,600 20,650 20,700 20,750 20,800 20,850 20,900 20,950 21,000 21,050 21,100 21,150 21,200 21,250 21,300 21,350 21,400 21,450 21,500 21,550 21,600 21,650 21,700 21,750 21,800 21,850 21,900 21,950 22,000 22,050 22,100 22,150 22,200 22,250 22,300 22,350 22,400 22,450 22,500 22,550 22,600 22,650 22,700 22,750 22,800 22,850 22,900 22,950 23,000 23,050 23,100 23,150 23,200 23,250 23,300 23,350 23,400 23,450 23,500 23,550 23,600 23,650 23,700 23,750 23,800 23,850 23,900 23,950 24,000 24,050 24,100 24,150 24,200 24,250 24,300 24,350 24,400 24,450 24,500 24,550 24,600 24,650 24,700 24,750 24,800 24,850 24,900 24,950 25,000 25,050 25,100 25,150 25,200 25,250 25,300 25,350 25,400 25,450 25,500 25,550 25,600 25,650 25,700 25,750 25,800 25,850 25,900 25,950 26,000 26,050 26,100 26,150 26,200 26,250 26,300 26,350 26,400 26,450 26,500 26,550 26,600 26,650 26,700 26,750 26,800 26,850 26,900 26,950 27,000 27,050 27,100 27,150 27,200 27,250 27,300 27,350 27,400 27,450 27,500 27,550 27,600 27,650 27,700 27,750 27,800 27,850 27,900 27,950 28,000 28,050 28,100 28,150 28,200 28,250 28,300 28,350 28,400 28,450 28,500 28,550 28,600 28,650 28,700 28,750 28,800 28,850 28,900 28,950 29,000 29,050 29,100 29,150 29,200 29,250 29,300 29,350 29,400 29,450 29,500 29,550 29,600 29,650 29,700 29,750 29,800 29,850 29,900 29,950 30,000 30,050 30,100 30,150 30,200 30,250 30,300 30,350 30,400 30,450 30,500 30,550 30,600 30,650 30,700 30,750 30,800 30,850 30,900 30,950 31,000 31,050 31,100 31,150 31,200 31,250 31,300 31,350 31,400 31,450 31,500 31,550 31,600 31,650 31,700 31,750 31,800 31,850 31,900 31,950 32,000 32,050 32,100 32,150 32,200 32,250 32,300 32,350 32,400 32,450 32,500 32,550 32,600 32,650 32,700 32,750 32,800 32,850 32,900 32,950 33,000 33,050 33,100 33,150 33,200 33,250 33,300 33,350 33,400 33,450 33,500 33,550 33,600 33,650 33,700 33,750 33,800 33,850 33,900 33,950 34,000 34,050 34,100 34,150 34,200 34,250 34,300 34,350 34,400 34,450 34,500 34,550 34,600 34,650 34,700 34,750 34,800 34,850 34,900 34,950 35,000 35,050 35,100 35,150 35,200 35,250 35,300 35,350 35,400 35,450 35,500 35,550 35,600 35,650 35,700 35,750 35,800 35,850 35,900 35,950 36,000 36,050 36,100 36,150 36,200 36,250 36,300 36,350 36,400 36,450 36,500 36,550 36,600 36,650 36,700 36,750 36,800 36,850 36,900 36,950 37,000 37,050 37,100 37,150 37,200 37,250 37,300 37,350 37,400 37,450 37,500 37,550 37,600 37,650 37,700 37,750 37,800 37,850 37,900 37,950 38,000 38,050 38,100 38,150 38,200 38,250 38,300 38,350 38,400 38,450 38,500 38,550 38,600 38,650 38,700 38,750 38,800 38,850 38,900 38,950 39,000 39,050 39,100 39,150 39,200 39,250 39,300 39,350 39,400 39,450 39,500 39,550 39,600 39,650 39,700 39,750 39,800 39,850 39,900 39,950 40,000 40,050 40,100 40,150 40,200 40,250 40,300 40,350 40,400 40,450 40,500 40,550 40,600 40,650 40,700 40,750 40,800 40,850 40,900 40,950 41,000 41,050 41,100 41,150 41,200 41,250 41,300 41,350 41,400 41,450 41,500 41,550 41,600 41,650 41,700 41,750 41,800 41,850 41,900 41,950 42,000 42,050 42,100 42,150 42,200 42,250 42,300 42,350 42,400 42,450 42,500 42,550 42,600 42,650 42,700 42,750 42,800 42,850 42,900 42,950 43,000 43,050 43,100 43,150 43,200 43,250 43,300 43,350 43,400 43,450 43,500 43,550 43,600 43,650 43,700 43,750 43,800 43,850 43,900 43,950 44,000 44,050 44,100 44,150 44,200 44,250 44,300 44,350 44,400 44,450 44,500 44,550 44,600 44,650 44,700 44,750 44,800 44,850 44,900 44,950 45,000 45,050 45,100 45,150 45,200 45,250 45,300 45,350 45,400 45,450 45,500 45,550 45,600 45,650 45,700 45,750 45,800 45,850 45,900 45,950 46,000 46,050 46,100 46,150 46,200 46,250 46,300 46,350 46,400 46,450 46,500 46,550 46,600 46,650 46,700 46,750 46,800 46,850 46,900 46,950 47,000 47,050 47,100 47,150 47,200 47,250 47,300 47,350 47,400 47,450 47,500 47,550 47,600 47,650 47,700 47,750 47,800 47,850 47,900 47,950 48,000 48,050 48,100 48,150 48,200 48,250 48,300 48,350 48,400 48,450 48,500 48,550 48,600 48,650 48,700 48,750 48,800 48,850 48,900 48,950 49,000 49,050 49,100 49,150 49,200 49,250 49,300 49,350 49,400 49,450 49,500 49,550 49,600 49,650 49,700 49,750 49,800 49,850 49,900 49,950 50,000 50,050 50,100 50,150 50,200 50,250 50,300 50,350 50,400 50,450 50,500 50,550 50,600 50,650 50,700 50,750 50,800 50,850 50,900 50,950 51,000 51,050 51,100 51,150 51,200 51,250 51,300 51,350 51,400 51,450 51,500 51,550 51,600 51,650 51,700 51,750 51,800 51,850 51,900 51,950 52,000 52,050 52,100 52,150 52,200 52,250 52,300 52,350 52,400 52,450 52,500 52,550 52,600 52,650 52,700 52,750 52,800 52,850 52,900 52,950 53,000 53,050 53,100 53,150 53,200 53,250 53,300 53,350 53,400 53,450 53,500 53,550 53,600 53,650 53,700 53,750 53,800 53,850 53,900 53,950 54,000 54,050 54,100 54,150 54,200 54,250 54,300 54,350 54,400 54,450 54,500 54,550 54,600 54,650 54,700 54,750 54,800 54,850 54,900 54,950 55,000 55,050 55,100 55,150 55,200 55,250 55,300 55,350 55,400 55,450 55,500 55,550 55,600 55,650 55,700 55,750 55,800 55,850 55,900 55,950 56,000 56,050 56,100 56,150 56,200 56,250 56,300 56,350 56,400 56,450 56,500 56,550 56,600 56,650 56,700 56,750 56,800 56,850 56,900 56,950 57,000 57,050 57,100 57,150 57,200 57,250 57,300 57,350 57,400 57,450 57,500 57,550 57,600 57,650 57,700 57,750 57,800 57,850 57,900 57,950 58,000 58,050 58,100 58,150 58,200 58,250 58,300 58,350 58,400 58,450 58,500 58,550 58,600 58,650 58,700 58,750 58,800 58,850 58,900 58,950 59,000 59,050 59,100 59,150 59,200 59,250 59,300 59,350 59,400 59,450 59,500 59,550 59,600 59,650 59,700 59,750 59,800 59,850 59,900 59,950 60,000 60,050 60,100 60,150 60,200 60,250 60,300 60,350 60,400 60,450 60,500 60,550 60,600 60,650 60,700 60,750 60,800 60,850 60,900 60,950 61,000 61,050 61,100 61,150 61,200 61,250 61,300 61,350 61,400 61,450 61,500 61,550 61,600 61,650 61,700 61,750 61,800 61,850 61,900 61,950 62,000 62,050 62,100 62,150 62,200 62,250 62,300 62,350 62,400 62,450 62,500 62,550 62,600 62,650 62,700 62,750 62,800 62,850 62,900 62,950 63,000 63,050 63,100 63,150 63,200 63,250 63,300 63,350 63,400 63,450 63,500 63,550 63,600 63,650 63,700 63,750 63,800 63,850 63,900 63,950 64,000 64,050 64,100 64,150 64,200 64,250 64,300 64,350 64,400 64,450 64,500 64,550 64,600 64,650 64,700 64,750 64,800 64,850 64,900 64,950 65,000 65,050 65,100 65,150 65,200 65,250 65,300 65,350 65,400 65,450 65,500 65,550 65,600 65,650 65,700 65,750 65,800 65,850 65,900 65,950 66,000 66,050 66,100 66,150 66,200 66,250 66,300 66,350 66,400 66,450 66,500 66,550 66,600 66,650 66,700 66,750 66,800 66,850 66,900 66,950 67,000 67,050 67,100 67,150 67,200 67,250 67,300 67,350 67,400 67,450 67,500 67,550 67,600 67,650 67,700 67,750 67,800 67,850 67,900 67,950 68,000 68,050 68,100 68,150 68,200 68,250 68,300 68,350 68,400 68,450 68,500 68,550 68,600 68,650 68,700 68,750 68,800 68,850 68,900 68,950 69,000 69,050 69,100 69,150 69,200 69,250 69,300 69,350 69,400 69,450 69,500 69,550 69,600 69,650 69,700 69,750 69,800 69,850 69,900 69,950 70,000 70,050 70,100 70,150 70,200 70,250 70,300 70,350 70,400 70,450 70,500 70,550 70,600 70,650 70,700 70,750 70,800 70,850 70,900 70,950 71,000 71,050 71,100 71,150 71,200 71,250 71,300 71,350 71,400 71,450 71,500 71,550 71,600 71,650 71,700 71,750 71,800 71,850 71,900 71,950 72,000 72,050 72,100 72,150 72,200 72,250 72,300 72,350 72,400 72,450 72,500 72,550 72,600 72,650 72,700 72,750 72,800 72,850 72,900 72,950 73,000 73,050 73,100 73,150 73,200 73,250 73,300 73,350 73,400 73,450 73,500 73,550 73,600 73,650 73,700 73,750 73,800 73,850 73,900 73,950 74,000 74,050 74,100 74,150 74,200 74,250 74,300 74,350 74,400 74,450 74,500 74,550 74,600 74,650 74,700 74,750 74,800 74,850 74,900 74,950 75,000 75,050 75,100 75,150 75,200 75,250 75,300 75,350 75,400 75,450 75,500 75,550 75,600 75,650 75,700 75,750 75,800 75,850 75,900 75,950 76,000 76,050 76,100 76,150 76,200 76,250 76,300 76,350 76,400 76,450 76,500 76,550 76,600 76,650 76,700 76,750 76,800 76,850 76,900 76,950 77,000 77,050 77,100 77,150 77,200 77,250 77,300 77,350 77,400 77,450 77,500 77,550 77,600 77,650 77,700 77,750 77,800 77,850 77,900 77,950 78,000 78,050 78,100 78,150 78,200 78,250 78,300 78,350 78,400 78,450 78,500 78,550 78,600 78,650 78,700 78,750 78,800 78,850 78,900 78,950 79,000 79,050 79,100 79,150 79,200 79,250 79,300 79,350 79,400 79,450 79,500 79,550 79,600 79,650 79,700 79,750 79,800 79,850 79,900 79,950 80,000 80,050 80,100 80,150 80,200 80,250 80,300 80,350 80,400 80,450 80,500 80,550 80,600 80,650 80,700 80,750 80,800 80,850 80,900 80,950 81,000 81,050 81,100 81,150 81,200 81,250 81,300 81,350 81,400 81,450 81,500 81,550 81,600 81,650 81,700 81,750 81,800 81,850 81,900 81,950 82,000 82,050 82,100 82,150 82,200 82,250 82,300 82,350 82,400 82,450 82,500 82,550 82,600 82,650 82,700 82,750 82,800 82,850 82,900 82,950 83,000 83,050 83,100 83,150 83,200 83,250 83,300 83,350 83,400



SEE INSET FOR LOWER PART